



The Master Compact

Combining a large 14.3 MP Canon CMOS sensor, DIGIC 5 processor and exceptional 4x zoom lens, the PowerShot G1 X gives you SLR-levels of control and image quality in a compact camera body.

The PowerShot G1 X is part of the Canon PowerShot digital still camera range consisting of the below products:

PowerShot G1 X, PowerShot G12, PowerShot S100, PowerShot SX40 HS, PowerShot SX230 HS, PowerShot SX220 HS, PowerShot SX150 IS, PowerShot D10, PowerShot A3300 IS, PowerShot A3200 IS, PowerShot A2200, PowerShot A1200,

Sales Start date: February 2012
Target Market: Personal / Home / Business

Key Features:

- Large 14.3 MP Canon CMOS sensor (18.7 x 14.0 mm) and DIGIC 5-based HS System for exceptional shots up to ISO 12800
- Precision Canon 28mm wide-angle, 4x optical zoom lens with 4-stop Intelligent IS
- Versatile 7.5 cm (3.0") vari-angle PureColor II VA LCD (920k); optical viewfinder
- Full Manual Control, 14-bit RAW and DPP software
- Full HD movies (1080p) with stereo sound, record button and HDMI
- 4.5 fps High-speed Burst HQ mode
- Smart Auto with Multi-area White Balance
- Extensive accessories including Canon Speedlites and Lens Filter Adapter
- HDR mode, built-in ND Filter
- Optional 40m waterproof case

Product Name	Mercury Code	EAN Code	Recommended Retail Price
PowerShot G1 X (Black)	5249B011AA	8714574577753	£699.00 / €799.00
What's in the box: Digital Camera PowerShot G1 X, Lens Cap (with cord), Neck Strap NS-DC9, Battery Pack NB-10L, Battery Charger CB-2LCE, AC Power Cable, Interface Cable IFC-400PCU, User Manual Kit.			

Accessories	Mercury Code	EAN Code
AC Adapter Kit ACK-DC80	5667B003AA	4960999795935
Waterproof Case (40m) WP-DC44	5969B001AA	4960999819808
Leather Soft Case SC-DC75	5968B001AA	4960999819921
Leather Soft Case DCC-1800	0036X207	8714574580845
Battery Pack NB-10L	5668B001AA	4960999796093
Macro Light Adapter MLA-DC1	5970B001AA	4960999840178
Lens Hood LH-DC70	5973B001AA	4960999840192
Filter Adapter FA-DC58C	5971B001AA	4960999840154
Flash Speedlite 580EX II	1946B003AA	4960999417165

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Technical Specifications

IMAGE SENSOR	18.7 mm x 14.0 mm Canon high-sensitivity CMOS Effective Pixels Approx. 14.3M Aspect Ratio/Colour 4:3 Colour Filter Type Primary Colour
IMAGE PROCESSOR	DIGIC 5 with iSAPS technology
LENS	Focal Length 15.1 – 60.4 mm (35 mm equivalent: 28 – 112 mm) Zoom Optical 4x, Digital Approx. 4x (with Digital Tele-Converter Approx. 1.5x or 1.9x and Safety Zoom [1]) Combined Approx. 16x f/2.8-f/5.8 Maximum f/number 11 elements in 10 groups (2 double-sided aspherical UA elements, 1 double-sided aspherical element) Construction Yes (lens shift-type), 4-stop, Intelligent IS
FOCUSING	Type TTL AF System / Points AiAF (Face Detection / 9-point), 1-point AF (Any position is available, fixed centre or Face Select and Track) AF Modes Single, Continuous, Servo AF/AE ^[10] , Tracking AF AF Point Selection Manual selection using FlexiZone AF/AE, Size (Normal, Small) AF Lock On/Off Selectable AF Assist Beam Yes Manual Focus Yes Focus Bracketing Yes Closest Focusing Distance 20 cm (W) from front of lens in macro
EXPOSURE CONTROL	Metering modes Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame) AE Lock Yes Exposure Compensation +/- 3 EV in 1/3 stop increments Enhanced i-Contrast for automatic dynamic range correction AEB 1/3 – 2 EV in 1/3 stop increments ISO sensitivity ^[3] AUTO, 100, 125, 160, 200, 250, 320, 400, 500, 640, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000, 5000, 6400, 8000, 10000, 12800
SHUTTER	Speed 1 – 1/4000 sec. (factory default) 60 – 1/4000 sec. (total range – varies by shooting mode)
WHITE BALANCE	Type TTL Settings Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom 1, Custom 2. Multi-area WB correction available in Smart Auto
COLOUR MATRIX	Type sRGB
VIEWFINDER	Viewfinder Real-image zoom, optical viewfinder Dioptr Correction Yes
LCD MONITOR	Monitor Vari-angle 7.5 cm (3.0") PureColor II VA (TFT), Approx. 920,000 dots Coverage Approx. 100% Brightness Adjustable to one of five levels. Quick-bright LCD
FLASH	Modes Auto, Manual Flash On / Off Slow Sync Speed Yes, Fastest speed: 1/2000 sec. (built-in flash) 1/250 sec. (external flash) 1/4000 sec. (external using high-speed synchro) Red-Eye Reduction Yes Flash Exposure Compensation +/- 2 EV in 1/3 stop increments. Face Detection FE, Safety FE. Flash Exposure Lock Yes Manual Power Adjustment 3 levels with internal flash (up to 19 levels with external EX Speedlites 270EX and 430EX II, 22 levels with 580EX II [4]) Second Curtain Synchronisation Yes Built-in Flash Range 50 cm – 7.0 m (W) / 1.0 m - 3.1 m (T) External Flash E-TTL with EX series Speedlites ^[14] , Macro Twin Lite MT-24EX, Macro Ring Lite MR-14EX
SHOOTING	Modes Smart Auto (32 scenes detected), Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2 modes), SCN (Movie Digest, Portrait, Landscape, Kids & Pets, Sports, Smart Shutter(Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst HQ, Handheld Night Scene, Beach, Underwater, Foliage, Snow, Fireworks, Stitch Assist), Creative Filter (High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap), Movie Smart Auto (21 scenes detected), Standard, Program AE, Portrait, Landscape, Beach, Underwater, Foliage, Snow, Fireworks, Nostalgic, Fish-eye Effect, Miniature Effect, Monochrome, Super Vivid, Poster Effect, Color Accent, Color Swap, iFrame Movie Photo Effects My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color) Drive modes Single, Continuous, Continuous with AF, Self-Timer Continuous Shooting Approx. 1.9 shots/sec., AF: Approx. 0.7 shots/sec., LV: Approx. 0.7 shots/sec. (until memory card becomes full) High-speed Burst HQ: Approx. 4.5 shots/sec., up to 6 shots ^{[6][7]}
RECORDING PIXELS / COMPRESSION	Image Size 4:3 - (L & RAW) 4352 x 3264, (M1) 3072 x 2304, (M2) 1600 x 1200, (S) 640 x 480, 16:9 - (L) 4352 x 2248, (M1) 3072 x 1728, (M2) 1920x1080, (S) 640 x 3603.2 - (L) 4352 x 2904, (M1) 3072 x 2048, (M2) 1600 x 1064, (S) 640 x 4241.1 - (L) 3264 x 3264, (M1) 2304 x 2304, (M2) 1200 x 1200, (S) 480 x 480; 4:5 - (L) 2608 x 3264, (M1) 1840 x 2304, (M2) 960 x 1200, (S) 384 x 480 Resize in playback (M2, S, XS) XS is half the length and width of S Compression Fine, Normal Movies (Full HD) 1920 x 1080, 24 fps, (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps Miniature Effect (HD, L) 6fps, 3fps, 1.5fps Movie Length iFrame Movie (HD) (Full HD & HD) Up to 4 GB or 29 min, 59 sec. ^[11] (L and M) Up to 4 GB or 1 hour ^[7]
FILE TYPES	Still Image Type JPEG compression, (Exif 2.3 [Exif Print] compliant) / Design rule for Camera File system, RAW (14bit, Canon original RAW 2nd edition), Digital Print Order Format [DPOF] Version 1.1 compliant Movies MOV [H.264 + Linear PCM (stereo)] iFrame
DIRECT PRINT	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) Canon Printers PictBridge

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OTHER FEATURES	Red-Eye Correction My Camera / My Menu
My Category	Yes, during shooting and playback Start-up image and camera sounds customisation. Menu customisation
Intelligent Orientation Sensor	Image tagging feature
Histogram	Yes
Playback zoom	Yes, live histogram
Self-Timer	Approx. 2x - 10x
Menu Languages	Approx. 2 or 10 sec., Custom English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi, Hindi
INTERFACE	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible) HDMI Mini Connector (HDMI-CEC compatible) A/V output (PAL/NTSC)
MEMORY CARD	SD, SDHC, SDXC
SUPPORTED OPERATING SYSTEM	Windows 7 SP1 / Vista SP2 / XP SP3 Mac OS X v10.5 - 10.6
SOFTWARE	Browsing & Printing ZoomBrowser EX / ImageBrowser CameraWindow, Movie Uploader for YouTube, PhotoStitch Other Image Manipulation

POWER SOURCE	Rechargeable Li-ion Battery NB-10L (NB-10L battery and charger supplied) Approx. 250 shots [8] Approx. 420 min. playback Optional, AC Adapter Kit ACK-DC80
ACCESSORIES	Soft Case SC-DC75, DCC-1800 Waterproof Case (40m) WP-DC44 Waterproof Case Weight WW DC1 Lens Hood LH-DC70
Cases / Straps	Filter Adapter FA-DC58C (Compatible with Canon 58mm Filters: Circular Polarizing PL-C B, Neutral Density Filter ND4X-L & NDBX-L, Protect, UV, Softmat No.1 & 2) Canon Speedlites (including 220EX, 270EX, 270EX II, 320EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II [4]), Macro Twin Lite MT 24EX, Macro Ring Lite MR-14EX (Both require Macro Light Adapter MLA-DC1), Speedlite Transmitter ST-E2, Off-Camera Shoe Cord OC-E3, Bracket BKT-DC1, Speedlite Bracket SB-E2 Remote Switch RS-60E3 AC Adapter Kit ACK-DC80, Battery Charger CB-2LCE Canon HDMI Cable HTC-100
Waterproof / Weatherproof Case	
Lenses	
Flash	
Remote Controller / Switch	
Power Supply & Battery Chargers	
Other	
PHYSICAL SPECIFICATIONS	0 - 40°C, 10 - 90% humidity 116.7 x 80.5 x 64.7 mm Approx. 534 g (including battery/batteries and memory card)
Operating Environment	
Dimensions (WxHxD)	
Weight	

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.

[1] Depending on the image size selected.

[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.

[4] Not all functions of the flash are supported.

[6] Under conditions where the flash does not fire.

[7] Depending on memory card speed / capacity / compression setting.

[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

[10] Some settings limit availability.

[11] The following Speed Class memory cards are required for maximum record time: (HD) 1280 x 720 Speed Class 4 or above. (Full HD) 1920 x 1080 Speed Class 6 or above. (iFrame) 1280 x 720 Speed Class 6 or above.

Logistics information

Pack Description	Quantity	Dimensions (L x W x H in mm)	Weight (Net / Gross in kg)
Each	1	159 x 145 x 106	0.738 / 0.874
Carton	10	551 x 313 x 200	8.74 / 9.46
Euro Pallet	200	1200 x 800 x 1150	147.6 / 202